

What is claimed is:

- 1 1. A security system with call management
2 functionality coupled to a telephone network for
3 providing at least one telephone service, said
4 telephone network having at least one telephone line,
5 said security system comprising:
6 a call management controller coupled to
7 said telephone network for enabling, disabling or
8 modifying said telephone service; and
9 a security system having a security
10 controller coupled to said call management
11 controller, said security controller coupled to a
12 plurality of sensors for providing at least one home
13 security function.
- 1 2. A security system with call management
2 functionality as recited in claim 1 wherein said
3 telephone service is selected from the group
4 consisting of: night mode privacy, automated
5 attendant, follow me service, kid kontrol, maid
6 minder, or voice mail delivery.
- 1 3. A security system with call management
2 functionality as recited in claim 1 wherein said
3 telephone network has a plurality of telephone lines.
- 1 4. A security system with call management
2 functionality as recited in claim 1, further
3 comprising at least one user console coupled to said
4 security controller for manual user identification.

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1 5. A security system with call management
2 functionality as recited in claim 1, further
3 comprising:

4 at least one receiver coupled to said
5 security controller for automatic user
6 identification; and

7 at least one transponder coupled to and in
8 communication with said receiver.

1 6. A security system with call management
2 functionality as recited in claim 1 further
3 comprising a magnetically coded door key coupled to
4 said security controller for user identification.

1 7. A security system with call management
2 functionality as recited in claim 1 further
3 comprising a voice processing system coupled to said
4 security controller.

1 8. A security system with call management
2 functionality as recited in claim 7 wherein said
3 voice processing system further comprises a speaker
4 verification module for user identification.

1 9. A security system with call management
2 functionality as recited in claim 8 wherein said
3 voice processing system further comprises a speech
4 recognition module for verbal command processing.

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1 10. A method of providing call management
2 functionality for a security system coupled to a
3 telephone network, said security system including, a
4 call management controller and a security controller,
5 the method comprising the steps of:
6 providing at least one telephone service;
7 identifying a user to generate a user
8 identity; and
9 modifying said telephone service in
10 response to said user identity.

1 11. A method of providing call management
2 functionality for a security system coupled to a
3 telephone network, said security system including, a
4 call management controller and a security controller,
5 the method comprising the steps of:
6 placing said security controller in night
7 mode to generate a security controller state;
8 communicating said security controller
9 state to said call management controller to place
10 said call management controller in a night mode
11 privacy state;
12 in response to an incoming telephone call,
13 prompting the incoming caller to leave a message or
14 ring through for an emergency;
15 transferring said caller to a voice mailbox
16 unless said call is an emergency; and
17 allowing said caller to ring through to a
18 telephone set if said call is an emergency.

1 12. A method of providing night mode
2 privacy for a security system as recited in claim 11
3 wherein the step of allowing said caller to ring
4 through to a telephone set further comprises the step
5 of distinctively ringing said phone to denote an
6 emergency.

1 13. A method of providing call management
2 functionality for a security system as recited in
3 claim 10 wherein the step of providing at least one
4 telephone service includes providing automated
5 attendant, comprising the steps of:
6 associating a phone line to correspond to
7 said user identity;
8 determining user presence based upon said
9 user identity;
10 allowing a caller to ring through to a
11 telephone set if user presence is detected; and
12 transferring said caller to a voice mailbox
13 that corresponds to said user identity if user
14 presence is not detected.

1 14. A method of providing automated
2 attendant for a security system as recited in claim
3 13 wherein the step of allowing said caller to ring
4 through to a telephone set further comprises the step
5 of distinctively ringing said telephone to denote
6 which user is being called.

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1 15. A method of providing automated
2 attendant for a security system as recited in claim
3 13 wherein the step of transferring said caller to a
4 voice mailbox further comprises the step of paging
5 said user.

1 16. A method of providing automated
2 attendant for a security system as recited in claim
3 13 wherein the step of allowing said caller to ring
4 through to a telephone set further comprises the step
5 of generating a call-waiting signal.

1 17. A method of providing automated
2 attendant for a security system as recited in claim
3 16 wherein the step of generating a call-waiting
4 signal comprises generating a distinctive call-
5 waiting signal to denote which user is being called.

1 18. A method of providing call management
2 functionality for a security system as recited in
3 claim 10 wherein the step of providing at least one
4 telephone service includes providing follow me
5 service, comprising the steps of:
6 monitoring at least two locations to
7 determine user location based upon said user
8 identity; and
9 transferring a caller to said user
10 location.

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1 19. A method of providing call management
2 functionality for a security system as recited in
3 claim 10 wherein the step of providing at least one
4 telephone service includes providing kid kontrol,
5 further comprising the step of restricting outbound
6 calls based on user identity.

1 20. A method of providing call management
2 functionality for a security system as recited in
3 claim 10 wherein the step of providing at least one
4 telephone service includes providing voice mail
5 delivery, comprising the steps of:
6 determining user presence based upon said
7 user identity; and
8 notifying said user of voice mail messages
9 corresponding to said user identity.

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